

Pieri® Curing TP 2002

Synthetic emulsion curing agent



Description

This highly efficient curing agent protects fresh concrete surfaces against the premature evaporation of mixing water during the hardening process. It provides the following advantages:

- Reduced cracking,
- Dusting eliminated,
- Reduced porosity.

Applications

The rapid dispersion of emulsion in contact with the freshly placed concrete enables a continuous film to form which is impervious to water vapour being formed. This allows the cement hydration to continue normally until the concrete is completely hardened. It may be used on:

- Concrete slabs,
- Concrete pavements,
- Industrial floors,
- Base paving,
- Shaft linings.

Directions for use

Shake Pieri Curing TP 2002 thoroughly before use. Apply the ready-to-use product by spraying onto the freshly placed and finished concrete surface. Application rate is 150 to 250 g/m², 4-7 m²/litre per coat.

Always clean the application equipment with water before the emulsion dries as cleaning by solvents would be necessary once hardened.

Recommendations

The use of Pieri Curing TP 2002 can provide supplementary protection against desiccation to vertical faces of freshly demoulded hardened concrete.

Preliminary test should be carried out when aesthetic considerations are important, e.g. coloured concrete (pigmented throughout the mix or surface applied). In these cases we would recommend the use of our solvent based curing compound Pieri® Curing Clear.


For areas where remedial work or subsequent surface treatments are required Pieri Curing TP 2002 must be removed by cold water pressure washing with an alkaline cleaning agent (Pieri® Cleaner Sol Reno or similar) followed by pressure rinsing. This procedure must apply to treated surfaces where residual Pieri® Curing TP 2002 has not had time to degrade i.e. less than 2 months of outside exposure or internal surfaces.

Technical Specifications

- Synthetic emulsion.
- Ready-to-use white liquid
- Density : 0,92 ± 0,01
- Dry extract : 39 ± 2.50 % (NF T 30-084)
- Ashes rate : ≤ 1% (NF T 30-012)
- Does not contain solvent. Odourless and non toxic.
- Viscosity :
- 32,5 ± 17,5 seconds (Iso 2431, Cup N° 6 at 20 °C).
- Dynamic viscosity: 210 cPoises ± 40 at 20 °C, Brookfield needle N° 3, speed 200tr/mn.
- pH : 8,95 ± 0,25
- Freezes at about -3 °C.
- Usual dosage : 150 - 250 g/m²
- Recommended dosage : 250 g/m²
- Protection coefficient NF P 18-371 :
- 96 % at 6 hours
- 92 % at 24 hours
- Recommended nozzles: Pieri® nozzle X 18, or X 10 Spraying Systems type.

Advantages



-  : Safety sheet without any risk phrase or safety symbol on the final product, according to the CLP regulation of 01/06/2015.
- Aqueous phase product without solvent.
- Degrade mechanically by abrasion from foot or road traffic.

Packaging

25 litre drum.
220 litre drum.
1000 litre tank.

Storage

1 year in original unopened packaging.
Protect from frost.
Avoid exposure to hot conditions.
Store according to local legislation.

Safety

Product not regulated.
Must be kept in its original packaging.
For further information, please consult our Safety Data Sheet.

Transport

Not regulated.

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Our Safety Data Sheets on www.quickfoods.com – Printed in France – 28.10.2016



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